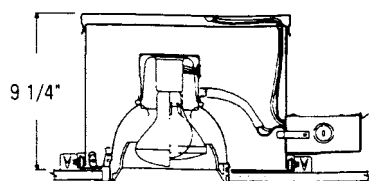




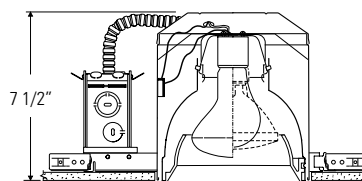
# Lytecaster® Recessed Downlighting **1170M1**

Page 1 of 2

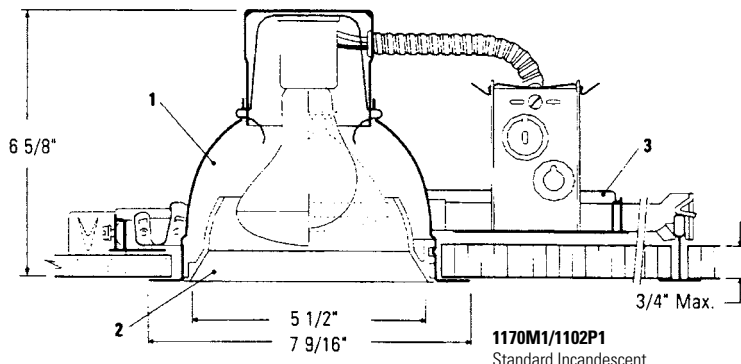
6 3/4" Aperture Basic White Reflector Reflector Trim



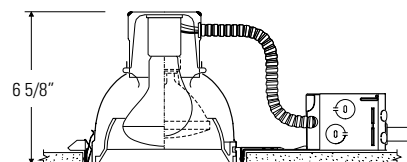
**1170M1/1100 DEEP IC Series**  
Incandescent Insulated Ceiling



**1170M1/1104IC/N**  
**Lytefning™** IC/Non-IC  
Convertible



**1170M1/1102P1**  
Standard Incandescent



**1170M1/1103R**  
**Lytefning™** Non-IC  
Remodeler Ring

Complete Fixture consists of Reflector Trim & Frame-In Kit. Select each separately.

1170M1 Basic White	Reflector Trim Frame-In Kit — See Individual Frame-In Kit Specification Sheets							
	Incandescent				Fluorescent			
	Frame-In Kit	Ceiling Type	Lamping	Height	Frame-In Kit	Ceiling Type	Lamping	Height
	<b>1102P1</b>	Non-IC	75W A19, PAR30*	6 5/8"	<b>1104F13 Series</b>	IC	(1) Quad/Triple 13W (GX24q-1)	7 1/2"
	<b>1103R</b>	Non-IC Remodeler	85W BR30	6 5/8"	<b>1104F18** Series</b>	IC	(1) Quad/Triple 18W (GX24q-2)	7 1/2"
	<b>1100IC</b>	IC	75W PAR30	7 5/16"	<b>1104F26** Series</b>	IC	(1) Quad/Triple 26W (GX24q-3)	7 1/2"
	<b>1100AICM</b>	AirSeal® IC	85W BR30	7 5/16"	<b>1100FTU Series</b>	Non-IC	(1) Triple 26/32W (GX24q-3)	6 5/8"
	<b>1104IC/N</b>	AirSeal® IC	90W PAR38†	7 1/2"	<b>1100AICMFT</b>	AirSeal®-IC	(1) Triple 26/32W (GX24q-3)	6 7/8"
	<b>1104ICR</b>	IC Remodeler		7 1/2"	<b>1910XDH1</b>	Conversion Kit	(2) Quad 13W (GX23-2)	6 5/8"
	<b>1104ICX/N</b>	AirSeal®-IC		7 1/4"	<b>1910XFH1</b>	Conversion Kit	(1) Quad 13W (GX23-2)	6 5/8"
	<b>1100DICM</b>	Deep IC	75W PAR30*	9 1/2"	* Use Socket Extender 1968 For Short Neck PAR30. ** Lightolier recommends the use of triple tube lamps			
	<b>1100DAICM</b>	Deep AirSeal®-IC	85W BR30	9 1/2"				
	<b>1104IC/N</b>	Non-IC	75W PAR30	7 1/2"				
	<b>1104ICR</b>	Non-IC Remodeler	85W BR30	7 1/2"				

## Features

- Reflector:** Hydroformed aluminum, .040" thick (18 ga.) ; non-yellowing, scruff-resistant Perma White finish with 88% reflectance; white trim flange.
- Cone:** Injection molded high temperature opaque white polymer.
- Frame-In Kit:** (1102P1 standard frame shown). Other frames listed above and shown on the right. See Frame-In Kit specification sheets for more details.

## Accessories

**Medium Base Socket Extender: 1968** - For short neck Par30 lamp

## Labels

UL (Suitable for Damp Locations), I.B.E.W.

**US Patent Numbers: 4,751,624; 5,045,985**

**Other US & Foreign Patents Pending.**

## Job Information

## Type:

**Job Name:**

**Cat. No.:**

**Lamp(s):**

**Notes:**

Lightolier a Genlyte company

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

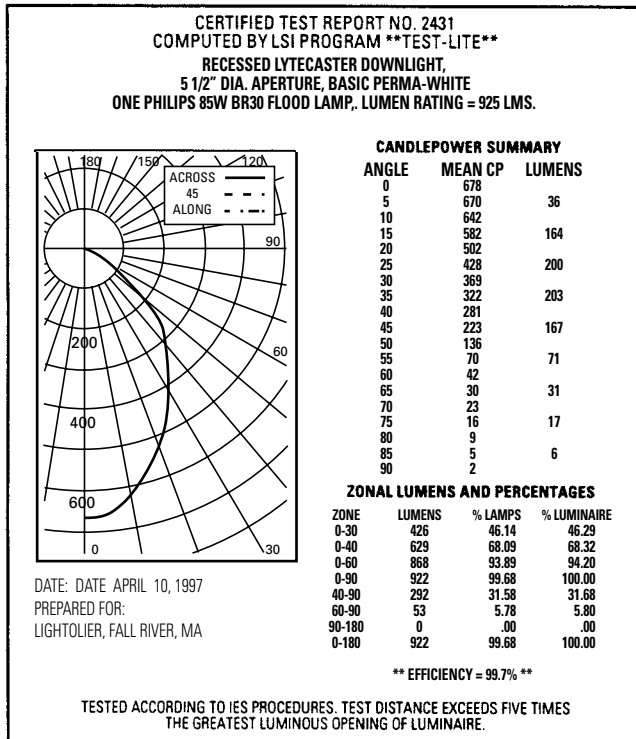
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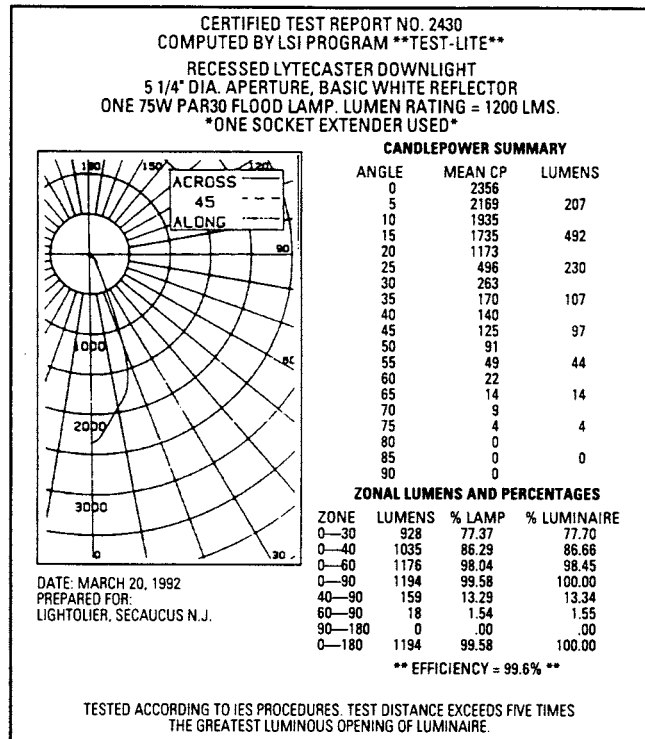
**LIGHTOLIER®**



SPACING RATIO = 0.9



SPACING RATIO = 0.7



## COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80				70				50				30				10				0
	% WALL REFLECTANCE																				
	50	30	10		50	30	10		50	30	10		50	30	10		50	30	10		
ROOM CAVITY RATIO	1	1.09	1.06	1.04	1.07	1.04	1.02		1.03	1.01	.99		.99	.97	.96		.96	.94	.93	.91	
	2	1.00	.96	.92	.99	.94	.91		.95	.92	.89		.92	.90	.87		.90	.87	.85	.83	
	3	.92	.87	.82	.91	.86	.82		.88	.84	.80		.86	.82	.79		.83	.80	.78	.76	
	4	.85	.79	.74	.84	.79	.74		.82	.77	.73		.80	.76	.72		.78	.74	.71	.70	
	5	.79	.72	.67	.78	.71	.67		.76	.70	.66		.74	.69	.66		.73	.69	.65	.64	
	6	.73	.66	.61	.72	.66	.61		.70	.65	.61		.69	.64	.60		.68	.63	.60	.58	
	7	.67	.60	.56	.66	.60	.55		.65	.59	.55		.63	.58	.54		.62	.58	.54	.53	
	8	.62	.55	.51	.61	.55	.50		.60	.54	.50		.59	.54	.50		.58	.53	.50	.48	
	9	.57	.51	.46	.57	.50	.46		.56	.50	.46		.55	.49	.45		.54	.49	.45	.44	
	10	.53	.46	.42	.52	.46	.42		.51	.46	.42		.51	.45	.41		.50	.45	.41	.40	

20% FLOOR CAVITY REFLECTANCE

Conversion Factors: 2 Lt. 13W Quad Tube, C. U. x 0.40, 1 Lt. 13W Quad Tube, C. U. x 0.45. 75W A19, C. U. x 0.50.

## COEFFICIENTS OF UTILIZATION

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80				70				50				30				10				0
	% WALL REFLECTANCE																0				
	50	30	10		50	30	10		50	30	10		50	30	10		50	30	10	0	
ROOM CAVITY RATIO	1	1.12	1.10	1.08	1.10	1.08	1.06		1.06	1.04	1.03		1.02	1.01	1.00		.99	.98	.97	.95	
	2	1.06	1.03	1.00	1.04	1.01	.99		1.01	.99	.97		.98	.96	.95		.96	.94	.93	.91	
	3	1.01	.97	.94	.99	.96	.93		.97	.94	.92		.95	.92	.90		.93	.91	.89	.88	
	4	.96	.92	.89	.95	.91	.88		.93	.90	.87		.91	.88	.86		.89	.87	.85	.84	
	5	.92	.87	.84	.91	.87	.83		.89	.86	.83		.88	.84	.82		.86	.84	.81	.80	
	6	.88	.83	.80	.87	.83	.80		.86	.82	.79		.85	.81	.79		.84	.81	.78	.77	
	7	.84	.80	.76	.84	.79	.76		.82	.78	.76		.81	.78	.75		.80	.77	.75	.74	
	8	.81	.76	.73	.80	.76	.73		.79	.75	.73		.78	.75	.72		.78	.74	.72	.71	
	9	.78	.73	.70	.77	.73	.70		.76	.72	.70		.76	.72	.69		.75	.72	.69	.68	
	10	.75	.70	.67	.75	.70	.67		.74	.70	.67		.73	.69	.67		.73	.69	.67	.66	

20% FLOOR CAVITY REFLECTANCE

To convert lighting data for a lower wattage incandescent lamp of the same type, multiply the footcandle (or candlepower) values by the ratio of the lumens of the two lamps. The coefficients of utilization remain the same.

## Job Information

## Type:

Lightolier a Genlyte company

www.lightolier.com

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